

print out

Patent/Publication No. 200401572

Title Dynamic wireless resource utilization

Publication Date 2004/01/16

Application Date 2003/04/24

Application No. 092109591

IPC H04Q-007/00

Inventor RAO, SHEKAR A. US;
BEREZDIVIN, ROBERTO US;
TOPP, ALLAN R. US;
LEVEDAHL, MARK D. US;
BREINIG, ROBERT J. US

Applicant RAYTHEON COMPANY US

Priority Number 20020425 US 20020375854P

Abstract In one embodiment, a method for dynamic wireless resource utilization includes monitoring a wireless communication resource; generating wireless communication resource data; using the wireless communication resource data, predicting the occurrence of one or more holes in a future time period; generating hole prediction data; using the hole prediction data, synthesizing one or more wireless communication channels from the one or more predicted holes; generating channel synthesis data; receiving data reflecting feedback from a previous wireless communication attempt and data reflecting a network

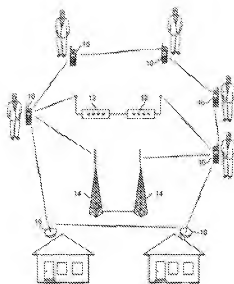


圖 1 圖



圖 2 圖

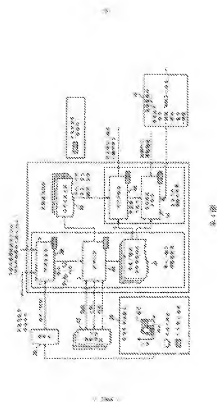


圖 3 圖



圖 4 圖

condition; according to the received data and the channel synthesis data, selecting a particular wireless communication channel from the one or more synthesized wireless communication channels; generating wireless communication channel selection data; using the wireless communication channel selection data, instructing a radio unit to communicate using the selected wireless communication channel; and instructing the radio unit to discontinue use of the selected wireless communication channel after the communication has been completed.

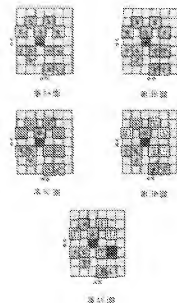


Individual

F

Patent Right
Change

Application Number	092109591
Date of Update	20091113
Licensing Note	No
Mortgage Note	No
Transfer Note	No
Succession Note	No
Trust Note	No
Opposition Note	No
Invalidation Note	No
Cessation Note	
Revocation Note	
Issue date of patent right	20051101
Patent expiry date	20230423
Maintenance fee due	20101031
Years of annuity paid	5



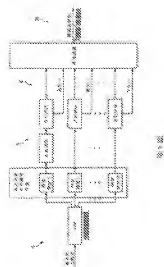


圖 1

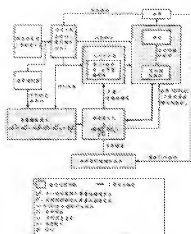


圖 2

